

Application Number: 10/560,293  
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### **AMENDMENTS TO THE ABSTRACT**

Please replace the current Abstract with the one shown below.

In one embodiment, the present invention is directed to a multi-energy polarization imaging method consisting of a multi-fusion, dual-rotating retarder/multi-energy complete Mueller matrix-based polarimeter and dual-energy capabilities. By subtracting polarimetric parameters such as degree of polarization, degree of linear polarization, degree of circular polarization, respectively, obtained with interrogation light beams of wavelengths  $\lambda_1$  and  $\lambda_2$ , the system of the present invention can obtain, in one embodiment, enhanced imaging.